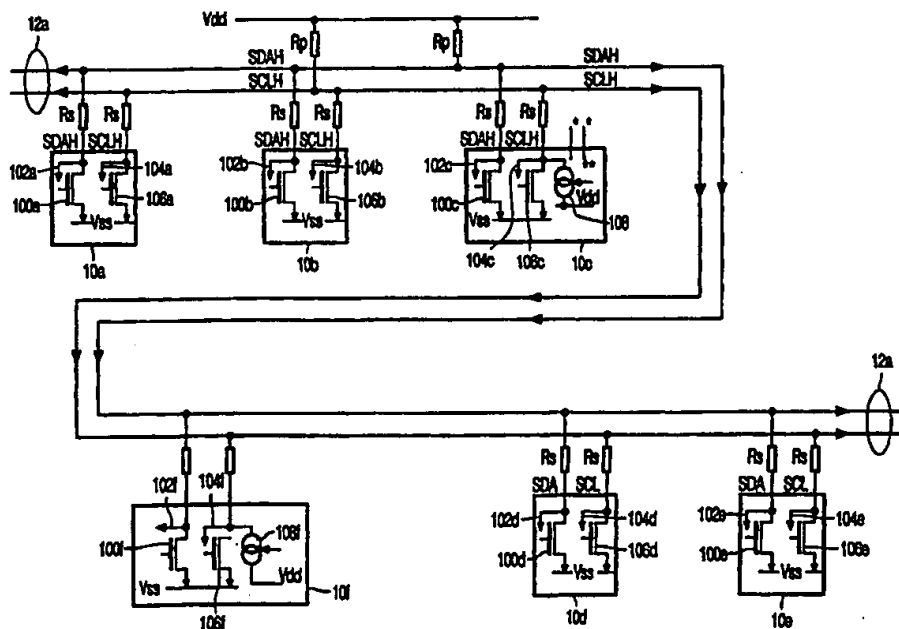




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(21) International Application Number: PCT/IB98/02059 (22) International Filing Date: 17 December 1998 (17.12.98) (30) Priority Data: 98201435.9 4 May 1998 (04.05.98) EP (71) Applicant: KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL). (71) Applicant (for SE only): PHILIPS AB [SE/SE]; Kottbygatan 7, Kista, S-164 85 Stockholm (SE). (72) Inventor: SCHUTTE, Herman; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). (74) Agent: DE HAAS, Laurens, J.; Internationaal Octrooibureau B.V., P.O. Box 220, NL-5600 AE Eindhoven (NL).		(81) Designated States: CN, JP, KR, European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published <i>With international search report.</i> <i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i> <i>Upon the request of the applicant, before the expiration of the time limit referred to in Article 21(2)(a).</i> (88) Date of publication of the international search report: 10 September 1999 (10.09.99)

(54) Title: ELECTRONIC APPARATUS WITH A BUS



(57) Abstract

An electronic apparatus uses a bus conductor driven by a wired logic to arbitrate between stations. When arbitration is decided, the apparatus switches to a higher speed mode by supplying additional current to the bus conductor, so that the winning station pulls the potential on the bus conductor against a greater current and the potential rises faster when the station stops pulling the potential.

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/IB 98/02059

A. CLASSIFICATION OF SUBJECT MATTER

IPC6: H04L 25/02, H04L 12/40

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC6: H04L, G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

WPIL, EDOC, JAPIO

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	DE 3738800 A1 (PHILIPS PATENTVERWALTUNG GMBH), 24 May 1989 (24.05.89), column 2, line 3 - column 3, line 53, figure 1, claims 1-10 --	1-9
Y	US 5559502 A (HERMAN SCHUTTE), 24 Sept 1996 (24.09.96), column 1, line 1 - column 2, line 63, claims 1-20 --	1-9
P,A	Patent Abstracts of Japan, abstract of JP 11-31124 A (NEC COMMUN SYST LTD), 2 February 1999 (02.02.99) --	1-9



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Date of the actual completion of the international search

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International application No.

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

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P,A	WO 9834376 A2 (KONINKLIJKE PHILIPS ELECTRONICS N.V.), 6 August 1998 (06.08.98), see the whole document --	1-9
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INTERNATIONAL SEARCH REPORT
Information on patent family members

01/06/99

International application No.
PCT/IB 98/02059

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